

**PROVINCIAL TABLE 50 (PIPZWE9M): Pathogens in an IPZ or WHPA E with a vulnerability of 9 where threats are moderate**

| <b>Ref #</b> | <b>Prescribed Threat</b>  | <b>ThreatSubcategory</b>   | <b>Circumstances</b>  |
|--------------|---|--|---|
| 1949         | The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage. | Sewage System Or Sewage Works - Discharge Of Untreated Stormwater From A Stormwater Retention Pond | 1. The system is a storm water management facility designed to discharge storm water to land or surface water. 2. The discharge may result in the presence of one or more pathogens in groundwater or surface water.  |
| 1951         | The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage. | Sewage System Or Sewage Works - Industrial Effluent Discharges                                     | 1. The system discharges to surface water and its primary functions include conveying sewage from a seafood processing operation. 2. The discharge may result in the presence of one or more pathogens in surface water.  |
| 1952         | The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage. | Sewage System Or Sewage Works - Industrial Effluent Discharges                                     | 1. The system discharges to surface water and its primary functions include conveying sewage from a dairy producer or a dairy product manufacturing operation. 2. The discharge may result in the presence of one or more pathogens in surface water.   |
| 1953         | The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage. | Sewage System Or Sewage Works - Industrial Effluent Discharges                                     | 1. The system discharges to surface water and its primary functions include conveying sewage from an animal food manufacturing operation that manufactures food from animal sources. 2. The discharge may result in the presence of one or more pathogens in surface water.   |
| 1954         | The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage. | Sewage System Or Sewage Works - Industrial Effluent Discharges                                     | 1. The system discharges to surface water and its primary functions include conveying sewage from a pulp and paper mill. 2. The discharge may result in the presence of one or more pathogens in surface water.   |
| 1955         | The management of agricultural source material.   | Management Of Agricultural Source Material - Aquaculture   | 1. The use of land or water for aquaculture. 2. The land use may result in the presence of one or more pathogens in surface water.  |
| 1956         | The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage. | Sewage System Or Sewage Works - Septic System  | 1. The system is an earth pit privy, privy vault, cesspool, or a leaching bed system and its associated treatment unit and is a sewage system as defined in section 1 of O. Reg. 350/06 (Building Code) made under the Building Code Act, 1992 or a sewage works as defined in section 1 of the Ontario Water Resources Act. 2. A discharge from the system may result in the presence of one or more pathogens in groundwater or surface water.  |
| 1957         | The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage. | Sewage System Or Sewage Works - Septic System Holding Tank   | 1. The system requires or uses a holding tank for the retention of hauled sewage at the site where it is produced before its collection by a hauled sewage system. 2. A spill from the tank may result in the presence of one or more pathogens in groundwater or surface water.  |
| 1958         | The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage. | Sewage System Or Sewage Works - Sanitary Sewers and related pipes                                  | 1. The system is a wastewater collection facility that collects or transmits sewage containing human waste, but does not include any part of the facility that is a sewage storage tank or works used to carry out a designed bypass. 2. The discharge from the system may result in the presence of one or more pathogens in groundwater or surface water.   |
| 1961         | The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage. | Sewage System Or Sewage Works - Storage Of Sewage (E.G. Treatment Plant Tanks)                     | 1. The system is a sewage treatment tank or sewage storage tank in a wastewater collection facility or a wastewater treatment facility and the tank is below grade. 2. A spill from the tank may result in the presence of one or more pathogens in groundwater or surface water.   |
| 1963         | The storage of agricultural source material.  | Storage Of Agricultural Source Material (ASM)  | 1. The agricultural source material is stored entirely below grade in or on a permanent nutrient storage facility. 2. A spill of the material or runoff from an area where the material is stored may result in the presence of one or more pathogens in groundwater or surface water.  |
| 1965         | The handling and storage of non-agricultural source material.   | Storage of Non-Agricultural Source Material (NASM)   | 1. The non-agricultural source material contains material generated by a seafood processing operation, a dairy producer, a dairy product manufacturing operation, an animal food manufacturing operation that manufactures food from animal sources, or a pulp and paper mill, and any portion of the material is stored at or above grade. 2. A spill of the material or runoff from an area where the material is stored may result in the presence of one or more pathogens in groundwater or surface water. |

**PROVINCIAL TABLE 50 (PIPZWE9M): Pathogens in an IPZ or WHPA E with a vulnerability of 9 where threats are moderate**

| <b>Ref #</b> | <b>Prescribed Threat</b>                                      | <b>ThreatSubcategory</b>   | <b>Circumstances</b>  |
|--------------|---|--|---|
| 1968         | The handling and storage of non-agricultural source material. | Storage of Non-Agricultural Source Material (NASM)   | 1. The non-agricultural source material contains material generated by a meat plant, and the material is stored entirely below grade. 2. A spill of the material or runoff from an area where the material is stored may result in the presence of one or more pathogens in groundwater or surface water.   |
| 1970         | The application of non-agricultural source material to land.  | Application Of Non-Agricultural Source Material (NASM) To Land (Including Treated Septage) | 1. The application of any quantity of non-agricultural source material that contains materials from a seafood processing operation, a dairy producer, a dairy product manufacturing operation, an animal food manufacturing operation that manufactures food from animal sources, or a pulp and paper mill. 2. The application may result in the presence of one or more pathogens in groundwater or surface water. |